

APPENDIX A

Factor pattern for transformation to the subspace and point of gravity correction.

Number of items = 30 Number of dimensions = 22

Factor	Eigenvalue	Prop.var.	Cum.Prop.
1	694.351	.798	.798
2	91.901	.106	.904
3	28.367	.033	.937
4	20.674	.024	.960

Unrotated factor pattern

Dimension:

	1	2	3	4
1	-.247	-.082	.460	.502
2	-.269	-.079	.110	.209
3	-.300	-.026	-.499	-.016
4	-.278	-.075	-.257	-.206
5	-.265	-.195	-.183	.224
6	-.204	-.248	-.133	-.055
7	-.187	-.179	.212	-.157
8	-.158	.050	.134	-.426
9	-.113	.194	.090	-.197
10	-.063	.023	.231	-.245
11	-.022	.242	-.007	-.134
12	.014	.245	.146	.165
13	.058	.239	.202	.178
14	.104	.365	.050	-.105
15	.130	.310	-.059	.078
16	.184	.336	-.224	-.009
17	.203	.032	-.253	.269
18	.234	-.129	-.228	.139
19	.277	-.177	-.075	.147
20	.297	-.249	.014	.068
21	.302	-.261	.059	-.191
22	.305	-.335	.209	-.233

Dimension 1 2 3 4

Point of gravity 22.482 -3.406 0.811 0.513
correction